

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 03/00034

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04Q 7/32, H04Q 7/38

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE, DK, FI, NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|-----------|--|-----------------------|
| A         | WO 0013377 A1 (NOKIA MOBILE PHONES LTD.),<br>9 March 2000 (09.03.00), page 8, line 12 - page 11,<br>line 6, abstract<br>-- | 1-61                  |
| A         | EP 1107626 A2 (NOKIA MOBILE PHONES LTD.),<br>13 June 2001 (13.06.01), page 4, line 44 - line 55,<br>abstract<br>--         | 1-61                  |
| A         | US 5373506 A (TAYLOE, D.R. ET AL),<br>13 December 1994 (13.12.94), column 3,<br>line 12 - column 5, line 37<br>--<br>----- | 1-61                  |

Further documents are listed in the continuation of Box C.  See patent family annex.

|   |  |
|---|--|
| * Special categories of cited documents   |  |
| "A" document defining the general state of the art which is not considered to be of particular relevance  | "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  |
| "E" earlier application or patent but published on or after the international filing date   | "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone   |
| "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) | "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art |
| "O" document referring to an oral disclosure, use, exhibition or other means  | "&" document member of the same patent family  |

Date of the actual completion of the international search

11 April 2003

Date of mailing of the international search report

15-04-2003

Name and mailing address of the ISA/  
Swedish Patent Office  
Box 5055, S-102 42 STOCKHOLM  
Facsimile No. + 46 8 666 02 86

Authorized officer

Catharina Karlsson /OGU  
Telephone No. + 46 8 782 25 00

INTERNATIONAL SEARCH REPORT  
Information on patent family members

29/03/03

International application No.

PCT/SE 03/00034

| Patent document cited in search report | Publication date | Patent family member(s) |              | Publication date |
|--|------------------|-------------------------|--------------|------------------|
| WO 0013377 A1                          | 09/03/00         | AU                      | 5375499 A    | 21/03/00         |
|  |                  | EP                      | 1108315 A    | 20/06/01         |
|  |                  | FI                      | 107861 B     | 00/00/00         |
|  |                  | FI                      | 981855 A     | 29/02/00         |
|  |                  | JP                      | 2002524921 T | 06/08/02         |
|  |                  | US                      | 6377803 B    | 23/04/02         |
| -----                                  |                  |                         |              |                  |
| EP 1107626 A2                          | 13/06/01         | FI                      | 109865 B     | 00/00/00         |
|  |                  | FI                      | 992635 A     | 09/06/01         |
|  |                  | US                      | 2001015963 A | 23/08/01         |
| -----                                  |                  |                         |              |                  |
| US 5373506 A                           | 13/12/94         | AU                      | 655219 B     | 08/12/94         |
|  |                  | AU                      | 9105491 A    | 25/06/92         |
|  |                  | CA                      | 2096832 A,C  | 27/05/92         |
|  |                  | EP                      | 0559776 A    | 15/09/93         |
|  |                  | JP                      | 6502973 T    | 31/03/94         |
|  |                  | KR                      | 125765 B     | 26/12/97         |
|  |                  | WO                      | 9210042 A    | 11/06/92         |
| -----                                  |                  |                         |              |                  |